Maximal75E
Expandable Power System

Rev. DSMaximal75E - A18K

Maximal75E

Overview

This unit provides system designers and installers with “maximum” power choices and the highest levels of versatility. It provides 12VDC and 24VDC simultaneously via two (2) single output power supply/chargers. It includes AC fail, low battery and battery presence monitoring. Optional Altronix® field installable sub-assemblies provide multiple outputs and a wide range of features for specific Access Control and Fire Alarm applications.

Power options	Power Supply 1	Power Supply 2
A	12VDC @ 10 amp	24VDC @ 10 amp

Specifications

- 12VDC and 24VDC output.
- 10 amp @ 12VDC plus 10 amp @ 24VDC.
- 115VAC 60Hz, 10 amp input.
- Input fuse ratings:
  - AL1012ULXB input fuse is rated @ 3.5 amp.
  - AL1024ULXB input fuse is rated @ 10 amp.
- Filtered and electronically regulated outputs.
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current:
  - AL1012ULXB maximum charge current is 0.7 amp.
  - AL1024ULXB maximum charge current is 3.6 amp.
- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop when unit switches over to battery backup (AC failure condition).
- Short circuit and thermal onerload protection with auto reset.
- AC input and DC output LED indicators.
- AC fail supervision (form “C” contact).
- Battery fail and battery presence supervision (form “C” contact).
- Enclosure accommodates up to four (4) 12AH batteries.
- Product weight: 29.3 lbs.
- Shipping weight: 31.3 lbs.

Agency Approvals

UL Listed for Access Control System Units (UL 294).

CSFM -
California State Fire Marshall Approved

CUL Listed - CSA Standard C22.2 No.205-M1983, Signal Equipment.

Enclosure Dimensions

26”H x 19”W x 6.25”D